

ABSTRACT

1 A system for accessing information from data sources. A user domain translates
2 queries from users and applications for recognition by an aggregation domain, receives
3 responses from the aggregation domain, and translates the responses for recognition by the
4 users and applications. An aggregation domain receives translated queries from the user
5 domain, translates the queries for recognition by a data source domain, receives responses
6 from the data source domain, translates the responses for recognition by the user domain, and
7 transmits the translated responses to the user domain. A data source domain receives the
8 translated queries from the aggregation domain, identifies data sources to receive the queries,
9 translates the queries to the data sources, receives responses from the data sources, translates
10 the responses, and transmits the translated responses to the aggregation domain. A knowledge
11 base the domains use to automatically function includes data models and conceptual
12 terminology translations.